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P#11

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/412,558A

DATE: 03/05/2002
TIME: 09:13:00

Input Set : A:\08919-022001.TXT
Output Set: N:\CRF3\03052002\I412558A.raw

```
 4 <110> APPLICANT: Hwang, Jualang
 5        Hsu, Chia-Tse
 6        Ting, Chun-Jen
 8 <120> TITLE OF INVENTION: PEPTIDE REPEAT IMMUNOGENS
11 <130> FILE REFERENCE: 08919-022001
13 <140> CURRENT APPLICATION NUMBER: US 09/412,558A
14 <141> CURRENT FILING DATE: 1999-10-05
16 <160> NUMBER OF SEQ ID NOS: 12
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 10
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
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27 1               5                   10
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 12
31 <212> TYPE: PRT
32 <213> ORGANISM: Vaccinia virus
34 <400> SEQUENCE: 2
35 Leu Ile Gly Ile Cys Val Ala Val Thr Val Ala Ile
36 1               5                   10
38 <210> SEQ ID NO: 3
39 <211> LENGTH: 252
40 <212> TYPE: PRT
41 <213> ORGANISM: Pseudomonas aeruginosa
43 <400> SEQUENCE: 3
44 Met His Leu Ile Pro His Trp Ile Pro Leu Val Ala Ser Leu Gly Leu
45 1               5                   10                  15
46 Leu Ala Gly Gly Ser Ser Ala Ser Ala Ala Glu Glu Ala Phe Asp Leu
47             20                  25                  30
48 Trp Asn Glu Cys Ala Lys Ala Cys Val Leu Asp Leu Lys Asp Gly Val
49         35                  40                  45
50 Arg Ser Ser Arg Met Ser Val Asp Pro Ala Ile Ala Asp Thr Asn Gly
51     50                  55                  60
52 Gln Gly Val Leu His Tyr Ser Met Val Leu Glu Gly Gly Asn Asp Ala
53 65                  70                  75                  80
54 Leu Lys Leu Ala Ile Asp Asn Ala Leu Ser Ile Thr Ser Asp Gly Leu
55             85                  90                  95
56 Thr Ile Arg Leu Glu Gly Gly Val Glu Pro Asn Lys Pro Val Arg Tyr
57             100                 105                 110
58 Ser Tyr Thr Arg Gln Ala Arg Gly Ser Trp Ser Leu Asn Trp Leu Val
```

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59            115                  120                    125
60 Pro Ile Gly His Glu Lys Pro Ser Asn Ile Lys Val Phe Ile His Glu
61       130                  135                  140
62 Leu Asn Ala Gly Asn Gln Leu Ser His Met Ser Pro Ile Tyr Thr Ile
63 145                  150                  155                  160
64 Glu Met Gly Asp Glu Leu Leu Ala Lys Leu Ala Arg Asp Ala Thr Phe
65                  165                  170                  175
66 Phe Val Arg Ala His Glu Ser Asn Glu Met Gln Pro Thr Leu Ala Ile
67            180                  185                  190
68 Ser His Ala Gly Val Ser Val Val Met Ala Gln Thr Gln Pro Arg Arg
69            195                  200                  205
70 Glu Lys Arg Trp Ser Glu Trp Ala Ser Gly Lys Val Leu Cys Leu Leu
71    210                  215                  220
72 Asp Pro Leu Asp Gly Val Tyr Asn Tyr Leu Ala Gln Gln Arg Cys Asn
73 225                  230                  235                  240
74 Leu Asp Asp Thr Trp Glu Gly Lys Ile Tyr Arg Val
75                  245                  250
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 30
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Synthetically generated primer
85 <400> SEQUENCE: 4
86 gaacattggt catatggact acggccggga                              30
88 <210> SEQ ID NO: 5
89 <211> LENGTH: 30
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Synthetically generated primer
96 <400> SEQUENCE: 5
97 cctgatgccg gccctcttgt aaccagtata                              30
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 29
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Synthetically generated primer
107 <400> SEQUENCE: 6
108 gatcccgcgg cgaacattgg tcatatgga                              29
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 30
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Synthetically generated primer
118 <400> SEQUENCE: 7
119 gatcgaattc taatatgacc aatgttctcc                             30
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          Input Set : A:\08919-022001.TXT
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122 <211> LENGTH: 12
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Synthetically generated primer
129 <400> SEQUENCE: 8
130 gatcgaattc ta                                              12
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 10
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Synthetically generated primer
140 <400> SEQUENCE: 9
141 gatcccgcgg                                                 10
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 10
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Synthetically generated primer
151 <400> SEQUENCE: 10
152 ccgcgggatc                                                 10
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 12
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Synthetically generated primer
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165 <210> SEQ ID NO: 12
166 <211> LENGTH: 30
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Synthetically generated primer
173 <400> SEQUENCE: 12
174 cttgtaacca gtatacctga tgccggccct                           30
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VERIFICATION SUMMARY   DATE: 03/05/2002
PATENT APPLICATION: US/09/412,558A   TIME: 09:13:01

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